# GULF COUNTY BOARD OF COUNTY COMMISSIONERS ST. JOE BEACH VOLUNTEER FIRE DEPARTMENT

# BID #1516-41 SPECIFICATIONS

## NOTICE TO RECEIVE SEALED BIDS

The Gulf County Board of County Commissioners of Gulf County, Florida will receive sealed bids from any person, company, or corporation interested in contracting with Gulf County to provide the following:

FORTY-ONE (41) MOTOROLA XPR 5550 MOBILE RADIOS WITH EXTERNAL SPEAKERS,

Questions should be addressed to Lynn Lanier, 1000 Cecil G. Costin Sr., Blvd., Port St. Joe, FL., 32456, <a href="mailto:lanier@gulfcounty-fl.gov">lanier@gulfcounty-fl.gov</a>, or (850) 229-6106, Mon-Thurs., 7a.m. – 5:30 p.m., E.T.

Specifications can be found below or by contacting the Gulf County Clerk's Office at 1000 Cecil G. Costin., Sr., Blvd, Room 149, Port St. Joe, FL 32456

Please respond with your best proposal terms.

Gulf County reserves the right to refuse any and all bids.

Please indicate on the envelope **YOUR COMPANY NAME**, that this is a **SEALED BID** and include the **BID NUMBER**.

Proposals must be submitted to the Gulf County Clerk's Office at 1000 Cecil G. Costin, Sr., Blvd, Room 149, Port St. Joe, Florida, 32456, by 4:30 p.m., E.T., no later than October 7, 2016. Bids will be opened at this location on Monday, October 10, 2016 at 10:00 a.m., E.T.

### **SPECIFICATIONS**

- \* (41) Motorola XPR 5550 Mobile Radios, no equivalents accepted.
- \* UHF, Band 2
- \* Must meet the performance, serviceability, added functionality, expanded capacity and coverage and migration ability as indicated in the specifications sheet for this brand and model.
- \* Specify any warranty period over and above the two-year manufacturer warranty.

**Bid Opening Information:** Bid Opening shall be public, on the date and time specified on the bid form. It is the bidder's responsibility to assure that his bid is delivered at the proper time and place. Offers by telegram, facsimile, or telephone are NOT acceptable. **NOTE**: Port St. Joe, Florida is "not a next day guaranteed delivery location" by delivery services.

**Public Entity Crime Information:** A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for **CATEGORY TWO** for a period of 36 months from the date of being placed on the convicted vendor list.

**Conflict of Interest Disclosure Form:** The award hereunder is subject to the provisions of Chapter 112, Florida Statutes. All respondents must disclose with their proposals the name of any officer, director, or agent who is also a public officer or an employee of the Gulf Board of County Commissioners, or any of its agencies.

Furthermore, all respondents must disclose the name of any County officer or employee who owns, directly or indirectly, an interest of five percent (5%) or more in the firm or any of its branches.

Furthermore, the official, prior to or at the time of, submission of the proposal, must file a statement with the Clerk of Circuit Court of Gulf County, if he is an officer or employee of the County, disclosing his or spouse's or child's interest and the nature of the intended business.

Note: This certification form is enclosed and is made a part of the bid package for bidder's convenience.

**Identical Tie Bids:** Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality and service are received by the County for the procurement of commodities or contractual services, a bid received from a business that certifies it has implemented a drug-free workplace program shall be given preference in the award process (see attached certification form).

Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program.

Note: This certification form is enclosed and is made a part of the bid package for bidder's convenience.

**Bid Tabulation Sheet:** Any bidder interested in receiving a copy of the bid tabulation sheet <u>must</u> enclose a stamped self-addressed envelope with their bid.

**Cancellation:** Gulf County reserves the right to terminate the contract effective <u>immediately</u> for just cause. Gulf County reserves sole right to determine if just cause exists. Gulf County reserves the right in the case of termination for default to re-procure services from the next best responsive, responsible bidder or to re-solicit the services.

## **PUBLIC ENTITY CRIMES**

# Sworn Statement Under Section 287.133(3)(a), Florida Statutes, on Public Entity Crimes

This form must be signed in the presence of a Notary Public or other officer authorized to administer oaths:

This sworn statement is submitted to The Board of County Co	mmissioners,					
Gulf County, Florida by						
(print individual's name and title)						
for						
(print name of entity submitting sworn statement)						
Whose business address is						
and (if applicable) its Federal Employer Identification Number (FEIN						
; (if the entity has no FEIN, include the Social Sec	urity Number					
of individual signing this sworn statement:	)					

I understand that a "public entity crime" as defined in Paragraph 87.133(l((g), <u>Florida Statutes</u>, means a violation of any state or federal law by a person with respect to an directly related to the transaction of business with any public entity or with an agency or political; subdivision of any other state or of the United States, including, but not limited to, any bid or contract for good or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(l) (b), <u>Florida Statutes</u>, means a finding of guilt or a conviction of a public entity crime, with or without adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contenders.

I understand that an "affiliate" as defined in Paragraph 287.133(l) (a) Florida Statutes means:

A predecessor or successor of a person convicted of a public crime; or; an entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

I understand that "person" as defined in Paragraph 287.133(l) (e), <u>Florida Statutes</u>, means any natural person or entity organized under the laws of any state or of the United Sates with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners\shareholders, employees, members, and agents who are active in management of an entity.

Based on information and belief, the state entity submitting this sworn statement. [I	ment which I have marked below is true in relation to the indicate which statement applies.]
executives, partners, shareholders, employee	s sworn statement, nor any of its officers, directors, yees, members, or agents who are active in the e of the entity has been charged with and convicted of a 1989.
executives, partners, shareholders, employ	statement, or one or more of its officers, directors, yees, members, or agents who are active in the of the entity has been charged with and convicted of a 1989.
executives, partners, shareholders, employ management of the entity or an affiliate of public entity crime subsequent to July 1, 1 before a Hearing Officer of the State of Fl Order entered by the Hearing Officer dete	statement, or one or more of its officers, directors, yees, members, or agents who are active in the f the entity has been charged with and convicted of a 1989. However, there has been a subsequent proceeding orida, Division of Administration Hearings and the Final ermined that it was not in the public interest to place the the convicted vendor list. [Attach a copy of the final
identified in Paragraph ONE (#1) above is through December 31 of the calendar year to inform the Public Entity prior to enteri	orm to the contracting officer for the Public Entity of for that Public Entity only, and that this form is valid in which it is filed. I also understand that I am required ing into a contract in excess of the threshold amount ates, for category two of any change in the information
Name	of Bidder
By: Title: _	
STATE OF COUNTY OF	
Sworn to and subscribed before me this	the following identification as proof of
My Commission Expires:	Notary Public
	Printed Notary Name
	Commission Expires:

## DRUG FREE WORKPLACE CERTIFICATION

(This form must be completed and attached to proposal)

Identical tie bids: preference shall be given to businesses with drug-free work place programs. Whenever two or more bids which are equal with respect price, quality, and service are received by the state or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certified that it has implemented a drug-free work place program shall be given preference in the award process. Established procedures for processing tie bids will be followed in none of the tied vendors have a drug-free work place program. In order to have a drug-free work place program, a business shall:

- 1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the work place specifying the actions that will be taken against employees for violations of such prohibition.
- 2. Inform employees about the dangers of drug abuse in the work place, the business's policy of maintaining a drug-free work place, available drug counseling, rehabilitation providing employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- 3. Give each employee engaged in providing the commodities of contractual services that are under bid a copy of the statement specified in paragraph #1.
- 4. In the statement specified in paragraph #1, notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of or pleas of guilty or no contest to, and violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the work place no later than five (5) days after such conviction.
- 5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
- 6. Make a good faith effort to continue to maintain a drug-free work place through implementation of this section.

As the person authorized to sign this statement, I certify that this firm complies fully with the above requirements.

Company Name	Authorized Signature
Federal I.D. Number or SSN	Printed Name

# ADDENDUM ACKNOWLEDGEMENT FORM

## **RFP**

# **ADDENDUM**

Gulf County Board of County Commissioners

Administrators Office, Room 302

1000 Cecil G. Costin Blvd.

Port St. Joe, Florida 32456

RFP NO:	
RFP TITLE:	
OPENING DATE:	
ADDENDUM NO:	DATE:
PLEASE BE ADVISED THAT THE FOLLOWING ORIGINAL SPECIFICATIONS OF THE ABOVE	
THIS ADDENDUM NOW BECOMES A PART OF RECEIPT OF THIS ADDENDUM IN THE SPACE DO SO MAY SUBJECT THE PROPOSER TO DIS	E PROVIDED ON THE RFQ FORM. FAILURE TO
PROPOSER:	BY:
ADDRESS:	_ PHONE:
CITY, STATE:	DATE:

# MOTOTRBO™ XPR™ 5000 SERIES DIGITAL TWO-WAY MOBILE RADIOS

From the delivery driver crisscrossing the city to the sanitation crew clearing streets, MOTOTRBO™ can transform your enterprise and make employee interactions smarter and safer. Our best-in-class audio and exceptional data capabilities empower people like never before.

Versatile and powerful, MOTOTRBO combines the best of two-way radio functionality with

the latest digital technology. XPR 5000 Series radios integrate voice and data seamlessly,

offer enhanced features that are easy to use, and deliver operations-critical advantages like

integrated Bluetooth® and Intelligent Audio.

The XPR 5000 Series can remaster your workplace and the way people collaborate to help you

achieve even greater efficiency.

## **AUDIO BEYOND EXPECTATIONS**

When it comes to exceptional audio clarity, the quality of digital can't be denied. With the XPR 5000 Series mobiles, you get digital quality plus unique features to help your employees hear and speak clearly, wherever they work.

With Intelligent Audio, the radio volume automatically adjusts to compensate for background noise so workers don't have to adjust their radio volume to avoid missing a call in loud situations or disturbing others when they move into quiet places. Increased background noise suppression filters out unwanted external clamor – from road traffic to the roar of engines.

Bluetooth® audio, embedded right in the radio, provides voice communication with exceptional clarity – giving your people the freedom to move without wires. Also, IMPRES™ audio accessories enhance noise suppression and improve voice intelligibility for smarter audio than they've ever experienced before.

## INDUSTRY-LEADING DATA

XPR 5000 Series radios feature integrated GPS that enables location tracking of mobile work teams and text messaging to enable communication when voice isn't feasible, and the large, full-color display operates in day or night mode, for easy viewing of contact lists, text messages and work order tickets even in bright sunlight. These radios also feature integrated Bluetooth®, enabling the radio to wirelessly interface with Bluetooth®-enabled devices such as barcode scanners and magnetic card readers to facilitate the collection of critical information in the field.

MOTOTRBO's Application Developer program offers customized data applications that allow you to adapt your radios to your business challenges. With the industry's largest developer program, data applications answer your objectives – from work order ticket management to telephony integration, and more.

## **HIGH-POWERED PERFORMANCE**

Because MOTOTRBO uses TDMA digital technology, you get integrated voice and data, twice the calling capacity and clearer voice communications. Also, the smart IMPRES™ technology in our high-powered accessories enables easier communications – everywhere your people travel.

## RICH FUNCTIONALITY

XPR 5000 Series radios offer plenty of features your business seeks – including enhanced call signaling, basic and enhanced privacy-scrambling, option board expandability, the transmit interrupt suite to prioritize critical communication the moment you need it and compatibility with SCADA solutions for utility and public service monitoring and alarms. Programmable button features appear on the display for easy viewing and quick access. And when workers can't be distracted, customizable voice announcement provides audible confirmation of channel and zone changes as well as programmable button features, eliminating the need to view the display.

## **EXPANDED CAPACITY AND COVERAGE**

Your work crews are on the go – picking up loads, dropping off cargo, repairing roads or restoring power after a storm. That's why you need the far-reaching performance of MOTOTRBO.

IP Site Connect helps to dramatically improve customer service and productivity by using the Internet to extend coverage to create a wide area network, enhance single site coverage or link geographically dispersed locations. Capacity Plus single-site trunking expands capacity to over 1,000 users without adding new frequencies. Linked Capacity Plus leverages the high capacity of Capacity Plus, with the wide area coverage capabilities of IP Site Connect to keep your staff at up to 15 sites connected with an affordable wide area trunking solution. As your business grows, you can increase capacity, coverage and radio system capabilities with Connect Plus, the scalable single or multi-site digital trunking solution. So whether you want expanded coverage at a single site or across multiple ones. MOTOTRBO can be scaled to your needs.

## MIGRATE AT YOUR OWN PACE

Keeping operations running smoothly during a change in communication systems is vital to business. It's easy to migrate to digital with XPR 5000 Series radios because they operate in analog and digital mode while the dynamic mixed mode repeater functionality streamlines automatic switching between analog and digital calls. So you can begin using MOTOTRBO radios and repeaters on your existing analog system, and when your time and budget allow, move to digital at your own pace.

## **DAY-IN, DAY-OUT DURABILITY**

XPR 5000 Series mobile radios are backed by a twoyear Standard Warranty, one-year Repair Service Advantage (U.S.)/Extended Warranty (Canada) and at least a one-year warranty for accessories.

# **XPR 5000 SERIES SPECIFICATIONS**

GENER.	AL SPECIFI	CATIONS								
		XPR 5550			XPR 5580	XPR 5350			XPR 5380	
		VHF	UHF Band 1	UHF Band 2	800/900	800/900 VHF UHF Band 1			UHF Band 2 800/900	
Channel Ca	apacity	Up to 1,000	Up to 1,000	Up to 1,000	Up to 1,000	32	32	32	32	
	Low Power	1-25 W	1-25 W			1-25 W	1-25 W			
Typical RF Output	High Power	25-45 W	25-40 W	1-40 W	806-870 MHz: 10-35 W 896-941 MHz: 10-30 W	25-45 W	25-40 W	1-40 W	806-870 MH 10-35 W 896-941 MH 10-30 W	
Dimension	s (HxWxL)				2.1 x 6.9 x 8.1 in (53.2	3 x 175.3 x 205.7 mm)				
Weight			3.9 lbs (1.9 kg)							
	Standby				0.8	1 A				
Maximum Current	Receive (Rated Audio)	2A								
Drain	Transmit	1-25 W: 11.0 A 25-45 W: 14.5 A	1-25 W: 11.0 A 25-40 W: 14.5 A	1-25 W: 11.0 A 25-40 W: 14.5 A	12 A	1-25 W: 11.0 A 25-45 W: 14.5 A	1-25 W: 11.0 A 25-40 W: 14.5 A	1-25 W: 11.0 A 25-40 W: 14.5 A	12 A	
FCC Descri	Intion	1-25 W: ABZ99FT3086	1-25 W: ABZ99FT4087	1-40 W:	1-40 W:		1-25 W: ABZ99FT4087	1-40 W:	AZ492FT586	
ruc Descri	pton	25-45 W: ABZ99FT3087	25-40 W: ABZ99FT4088	ABZ99FT4085 AZ492FT5862 —		25-45 W: ABZ99FT3087	25-40 W: ABZ99FT4088	ABZ99FT4085	AZ-9ZF1580	
		1-25 W: 109AB-99FT3086	1-25 W: 109AB-99FT4087	1-40 W:	100H 02FTF002	1-25 W: 109AB-99FT3086	1-25 W: 109AB-99FT4087	1-40 W:	10011 005750	
IC Description	25-45 W: 109AB-99FT3087	25-40 W: 109AB-99FT4088	109AB-99FT4085	109U-92FT5862	25-45 W: 109AB-99FT3087	25-40 W: 109AB-99FT4088	109AB-99FT4085	109U-92FT586		

RECEIVER						
	VHF	UHF Band 1	UHF Band 2	800/900		
Frequencies	136-174 MHz	403-470 MHz	450-512 MHz	851-870 MHz 935-941 MHz		
Channel Spacing	851-870 MH: 12.5/25 kHz* 12.5/25 kHz* 935-941 MHz 12.5 kHz					
Frequency Stability (-30°C, +60°C, +25°C Ref)		±	0.5 ppm			
Analog Sensitivity (12dB SINAD)		0.22 µV (Typ	12 dB SINAD) ical, 12 dB SINAD) 20 dB SINAD)			
Digital Sensitivity	5% BER @ 0.25uV (0.19uV typical)					
Intermodulation (TIA603D)	78 dB 75 dB					
Adjacent Channel Selectivity (TIA603D)	50 dB @ 12.5 kHz 50 dB @ 12.5 kHz 80 dB @ 75 dB @ 25 kHz*					
Spurious Rejection (TIA603D)	80 dB 75 dB					
Rated Audio	3 W (Internal), 7.5 W (External - 8 ohms) 13 W (External - 4 ohms)					
Audio Distortion @ Rated Audio	3% (typical)					
Hum and Noise	-40 dB @ 12.5 kHz/-45 dB @ 25 kHz*					
Audio Response	TIA603D					
Conducted Spurious Emission (TIA603D)	-57dBm					

TRANSMITTER						
	VHF	UHF Band 1	UHF Band 2	800/900		
Frequencles	136-174 MHz	403-470 MHz	450-512 MHz	806-870 MHz 896-941 MHz		
Channel Spacing	80G-870 MHz 12.5 kHz/25 kHz* 12.5/25 kHz* 89G-941 MHz: 12.5 kHz					
Frequency Stability (-30°C, +60°C, +25°C Ref)		±	1.5 ppm			
Low Power Output	1-25 W					
High Power Output	25-45 W		1-40 W	806-870MHz 10-35W 896- 941MHz 10-30W		
Modulation Limiting		± 2.5 kHz @ 12.5 kHz/± 5.0 kHz @ 25 kHz*				
FM Hum and Noise	-40 dB @ 12.5 kHz/-45 dB @ 25 kHz*					
Conducted/Radiated Emission	-36 dBm < 1 GHz/-30 dBm > 1 GHz					
Adjacent Channel Power	60 dB @ 12.5 kHz/70 dB @ 25 kHz*					
Audio Response	TIA603D					
Audio Distortion	3%					
FM Modulation	12.5 kHz: 11K0F3E / 25 kHz*: 16K0F3E					
	12.5 kHz Data Only: 7K60F1D & 7K60FXD					
4FSK Digital Modulation	12.5 kHz Voice: 7KS0F1E & 7KS0FXE 7KS0FXE					
	Combination of 12.5 kHz Voice & Data: 7K60F1W N/A					
Digital Vocoder Type	AMBE+2™					
Digital Protocol	ETSLTS 102 361-1, -2, -3					



## PRODUCT SPEC SHEET

MOTOTRBO™ XPR 5000 SERIES MOBILE RADIOS

		810C		810D		810E		810F		810G
APPLICABLE MIL-STD	METHOD	PROCEDURES	METHOD	PROCEDURES	METHOD	PROCEDURES	METHOD	PROCEDURES	METHOD	PROCEDURES
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.5	II.
High Temperature	501.1	I, II	501.2	I/A1,II/A1	501.3	I/A1,II/A1	501.4	I/Hot, II/Hot	501.5	I/A1, II
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I/C3, II
Temperature Shock	503.1	-	503.2	I/A1/C3	503.3	I/A1/C3	503.4	I	503.5	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I/A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.5	1, 111
Humidity	507.1	II	507.2	II	507.3	II	507.4	-	507.5	II - Aggravated
Salt fog	509.1	-	509.2	-	509.3	-	509.4	-	509.5	-
Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	1
Vibration	514.2	VIII/F, Curve-W	514.3	1/10, 11/3	514.4	I/10, II/3	514.5	1/24	514.6	1/24
Shock	516.2	I, II	516.3	I, IV	516.4	I, IV	516.5	I, IV	516.6	I, IV, V, VI

GPS				
Accuracy specs are for long-term tracking (95th percentile values > 5 satellites visible at a nominal -130 dBm signal strength)				
TTFF (Time To First Fix) Cold Start	< 1 minute			
TTFF (Time To First Fix) Hot Start	< 10 seconds			
Horizontal Accuracy	<5 meters			

ENVIRONMENTAL SPECIFICATIONS			
Operating Temperature	-30° C / +60° C		
Storage Temperature	-40° C / +85° C		
Thermal Shock	Per MIL-STD		
Humidity	Per MIL-STD		
ESD	IEC 61000-4-2 Level 3		
Dust and Water Intrusion	IP54, MIL-STD		
Packaging test	MIL-STD 810C, D, E, F, and G		

Specifications subject to change without notice. All specifications shown are typical.

Radio meets applicable regulatory requirements. Version 4 06/14

BLUETOOTH	
Version	Supports Bluetooth® 2.1 + EDR Specification
Profiles Supported	Bluetooth Headset Profile (HSP), Serial Port Profile (SPP), Motorola fast push-to-talk.
Devices Supported	Radio supports 1 Bluetooth audio accessory and 1 Bluetooth data device simultaneously
Ranne	Class 7 10 meters

For more information on how to strengthen your mobile voice, visit motorolasolutions.com/mototrbo

Motorola Solutions, Inc. 1301 East Algonquin Road Schaumburg, Illinois 60196, U.S.A. 800-367-2346 motorolasolutions.com

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